

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000853

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KÜSTER B, MORTENSEN P, ANDERSEN JS, MANN M: "Mass Spectrometry allows direct identification of proteins in large genomes" PROTEOMICS, vol. 1, 2001, pages 641-650, XP009044622 page 641 - page 642 figure 2.b page 647, right-hand column ----- -/--	1-25

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

9 March 2005

Date of mailing of the international search report

18/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CHOUDHARY J S ET AL: "Interrogating the human genome using uninterpreted mass spectrometry data."            PROTEOMICS. MAY 2001,            vol. 1, no. 5, May 2001 (2001-05), pages            651-667, XP009044551            ISSN: 1615-9853            cited in the application            the whole document</p>	1-25
A	<p>YATES J R 3RD ET AL: "Mining genomes: correlating tandem mass spectra of modified and unmodified peptides to sequences in nucleotide databases."            15 September 1995 (1995-09-15),            ANALYTICAL CHEMISTRY. 15 SEP 1995, VOL.            67, NR. 18, PAGE(S) 3202 - 3210 ,            XP002319575            ISSN: 0003-2700            the whole document</p>	1-25
A	<p>PERKINS D N ET AL: "Probability-based protein identification by searching sequence databases using mass spectrometry data."            ELECTROPHORESIS. DEC 1999,            vol. 20, no. 18, December 1999 (1999-12),            pages 3551-3567, XP002319572            ISSN: 0173-0835            the whole document</p>	1-25
T	<p>ALEX AT, DUMONTIER M, ROSE JR, HOGUE CWV:            "Hardware-accelerated protein identification for mass spectrometry"            RAPID COMMUNICATIONS IN MASS SPECTROMETRY,            vol. 19, 2005, pages 833-837, XP002319574            the whole document</p>	1-25